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HONUA ENGINEERING, INC.
Ching Young Center Ste. 7-C
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TRANSMITTAL

To: State of Hawaii
Department of Health, Wastewater Branch
3040 Umi Street
Lihue, Kauai, HI. 96766

Date: April 24, 2013

Attn: Lori Vetter

Subject: *As-Built - IWS Plan Upgrade Plan for Hanalei Inn, 5-5468 Kuhio Hwy.,
Hanalei, Kauai, Hawaii* **TMK: (4) 5-5-04:36**

We are transmitting the following:

- ⇒ (1) Set Plan of Subject.
- ⇒ (1) Set Construction Inspection Report of Documents.
- ⇒ (1) Set Large Capacity Cesspool (less than 1,000 GPD) Backfilling
Final Completion Report
- ⇒ (2) Set Photo's of Subject.

Remarks:

Submittal for your use.

Please contact Brian M. Hennessy @ 826-7256 ext. 112 should you have any questions.

Transmittal Prepared By: Cecelia T. Villanueva

cc: Lance Valente @ Sunset Cliffs Realty

Project: 4920

Department of Health - Wastewater Branch
Individual Wastewater System (IWS) - Construction Inspection Report
Please Print or Type

Inspector's Name: BRIAN HENNESSY Date of Inspection: 2, 7, 13
TMK: (4) 5-5-04:36 Permit I.D. #: (IWS File #) 46189
Project Name: Hanalei Inn IWS Upgrade
Site Address: 5-5468 KUHIO HWY. General Area: Hanalei
Contractor: Kobayashi TRUCKING & EQ., Inc. License #: CT-10072
License type: (Circle one only, No Others) A, (C-9), C-37, C-37a, C-43

Technical Information:

Grease Interceptor (if applicable): Make / Model: N/A Size: _____

Septic Tank / Aerobic Unit (circle one): Make / Model: Oreco Fiberglass Size: 1506
For Aerobic Unit a copy of executed service contract must be included.

Disposal System: (Check One)

✓ Trenches / Bed (circle one): 1 Length: 60' Width: 6'
of Trenches / Bed: _____
Gravel & Lining verified: (Yes) No (circle one)
Soil Replacement: Yes (No) (circle one)

Seepage Pit:
Diameter: _____ Depth: _____ Pit Lining Type: _____
If not lined, attach justification

House Construction: (Circle One) (Completed) Partial / Staked

Setback Distance (shortest) between IWS and the Followings are measured in feet and recorded on as-built.
At least three (3) distinct points must be referenced:

Buildings: 5.2' Property Line: 11' Stream: N/A
Ocean at Vegetation line: N/A Wells: N/A
(If Applicable)

Item Verified:

Yes / No / NA

Manhole / Inspection Ports to Grade Yes
Three (3) Feet of Suitable Soil Below Trench / Bed Yes
Soil Profile Observation at a Minimum Depth of Five (5) Feet Yes
(If you answer **NO** to the question above, please attach a site evaluation / percolation test form showing the soil profile observation at a minimum depth of five (5) feet.)

Abandoning Existing Cesspool: (Check One)

For Large Capacity Cesspool (Less Than 1000 gpd)

(Please submit LCC Backfilling Completion Form)

For Regular Cesspool, Filled, Abandoned or Render it Safe:

For Conversion to a Seepage, Pumped & Cleaned:

Yes / No

Yes / No

Yes / No

Yes / No

List of Changes Made to Approved IWS Plans: DURING EXCAVATION A SECOND

~~SMALL~~ SMALL CESSPOOL WAS FOUND FOR SHED. IT WAS CONN.

TO IWS-AS SHOWN ON AS-BUILT

As the engineer performing the above final IWS inspection, check one of the following statement:

☐ The IWS has been installed in strict accordance with the plans that were submitted and approved of by the Department of Health.

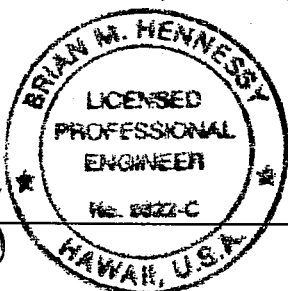
☒ Noted deficiencies and / or changes to the approved plans have been addressed by the homeowner, contractor, and myself and the final as built IWS is acceptable to me.

☐ Final construction of the IWS cannot be completed for the following reasons:

☐ Construction of the IWS is not in accordance with the approved plans and I do not accept the changes made to the plans designed by me.

B. Hennessy

Signature, Stamp



Date

2/7/13

Enclosures: As-Built Plans, Stamped and Signed by Engineer Photographs of Treatment Unit, Disposal System, Overview of IWS

LARGE CAPACITY CESSPOOL (LESS THAN 1000 GPD)

BACKFILLING FINAL COMPLETION REPORT

Wastewater Branch, Dept. of Health, State of Hawai'i

Property owner: Harry Keiser

Project address: 5546 Kalia Hwy, Honolulu, HI 96714

TMK: (4) 5-5-04:36

Number of cesspools, and numbering if any: 2

Diameter(s): 7', 5' Depth(s): 8', 4'

Was sludge/sediment or liquid removal necessary? ☒ Yes ☐ No

Where was sludge/sediment or liquid taken or disposed of? DOH WASTEWATER TREATMENT PLANT
WAILUA

Was groundwater encountered? ☐ Yes ☒ No

Date of backfilling: 2/8/13 Type of backfill material: ON-SITE SANDY SOIL

Amount of backfill used (cubic yds.): 6.5

Was the cesspool completely backfilled? ☒ Yes ☐ No

How was it compacted? "THUMPER"

Backfilling contractor: BOB Unlimited PLUMBING

Please provide:

- Pictures: Attach photos of the large capacity cesspool from step-back distances of approximately 8 feet and 20 feet.
- Copy of this report to: LCC Project Coordinator
EPA Ground Water Office (WTR-9)
75 Hawthorne Street
San Francisco, CA 94105

LARGE CAPACITY CESSPOOL BACKFILLING FINAL COMPLETION REPORT (Continuation)

The backfilling work and the final completion report have been performed and completed under my supervision and the work was properly completed:



Professional Engineer

Include P.E. stamp

Printed Name: Brian Hennessy

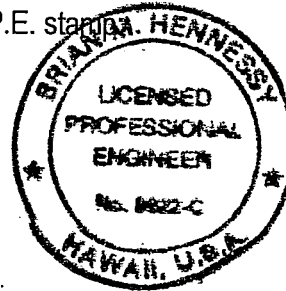
Signed: B Hennessy

Date: 2/2/13

Company: HONUA ENGINEERING, INC.

Address: P.O. Box 951, Honolulu, HI 96714

Phone: 808 826-7256 Fax: 808 826-7745



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IWS file no:

Date sent:

Date received:



Hanalei Inn
IWS Inspection
2/7/13
IWS No. 46189